

SAMPLE

DESIGN/BUILD IFB SPECIFICATIONS

PROJECT PACKAGE

(Use NFGS-DB, NFGS-DB UNIFORMAT, and
Applicable Technical Sections)

Enclosure (1)

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(CD-ROM #47 - 1st Qtr '99)

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-- End of Master Table of Contents --

* Use applicable sections

** Use applicable sections

*** Include appropriate technical sections not already covered above

NOTE: PLZ CONSULT CODE 406 FOR GUIDANCE CONCERNING THE USE OF THESE SPECS.
(NEWPORT D/B IFB: NFGS D/B specs generally used.) (RFP: For housing type projects, etc. Refer to NAVFACINST 11101.85F, Subj: Navy Family Housing Projects, Design/Build (Turnkey) Standards.)

ENCLOSURE (1)

APPENDIX Y

SAMPLE

RFP FORMAT SPECIFICATIONS

PROJECT PACKAGE

**(Refer to NAVFACINST 11101.85F, Navy Family Housing Projects,
Design-Build (Turnkey) Standards)**

Enclosure (2)

APPENDIX Y

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PART 1

ACQUISITION REQUIREMENTS

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PART 1 ACQUISITION REQUIREMENTS

1A. GENERAL REQUIREMENTS

1A.1 GENERAL INTENTION: It is the declared and acknowledged intention and meaning to obtain the repair and modification of 161 family housing units located at Pearl City Peninsula, Pearl Harbor, Hawaii, complete and ready to use. It is furthermore the declared and acknowledged intention and meaning to obtain the repair and modification of an additional 99 family housing units located at Pearl City Peninsula, complete and ready for use, as a pre-priced option.

1A.2 GENERAL DESCRIPTION: The work includes design and construction of the 161 family housing units to be repaired and modified at Pearl City Peninsula, Pearl Harbor, Hawaii (Phase I). The work may also include, at the option of the Government, the design and construction of an additional 99 family housing units to be repaired and modified at Pearl City Peninsula (Phase II).

1A.3 LOCATION: The work shall be located at Pearl City Peninsula, Pearl Harbor, Hawaii. Exact location of the units to be repaired and modified are identified on the site plan in Appendix B.

1A.4 TYPE OF CONTRACT (APR 1984) FAR 52.216-1: The Government contemplates award of a firm fixed price contract resulting from this solicitation.

1A.5 SOLICITATION DEFINITIONS (JUL 1987) FAR 52.215-5:

"Government" means United States Government.

"Offer" means "proposal" in negotiation.

"Solicitation" means request for proposals (RFP) in negotiation.

"JEM" means Junior Enlisted Man.

1A.6 FORM OF CONTRACT: The contract will be executed on Standard Form 1442 (Rev. 4-85) and will include the following additional documents:

- a. Performance Bond (Standard Form 25) (Rev. 1-90);
- b. Payment Bond (Standard Form 25A) (Rev. 1-90);
- c. Contract Clauses (Construction Contract) (Rev. FEB 1996);
- d. Representations & Certifications (Construction Contract) (Rev. FEB 1996);
- e. Subcontracting Plan;
- f. NAVFAC RFP No. N62742-94-R-1323;
- g. Drawings identified in Section 1B.2 of the RFP; and
- h. State of Hawaii General Wage Decision Number HI960001, Modification Number 1, Publication Date 5 April 1996.

1A.7 INFORMATION CONCERNING COST LIMITATIONS: The budget ceiling for the award of this contract is \$19,100,000 for Phase I and \$12,400,000 for Phase II.. Proposals in excess of this amount will not be considered. Proposers should prepare their proposals so as to permit award at a price within the cost limitation. The Basis of Award is specified in paragraph 1C.1.

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2. TECHNICAL REQUIREMENTS: Part 2, Technical Requirements, is comprised of five sections. Section 2A, Design/Construction Criteria, provides basic project information and general requirements; including objectives, background data, summary of major work items, design/construction standards, and other parameter by which work shall be accomplished. Sections 2B through 2E are the technical sections; consisting of Site Design and Engineering; Building Design; Building Engineering, Material, Quality and Maintenance; and Energy Performance. These sections are organized to correlate technical criteria and work requirements described therein to corresponding technical evaluation factors and sub-factors depicted in Part 5, Technical Evaluation Manual.

2A. DESIGN/CONSTRUCTION CRITERIA

2A.1 SCOPE OF WORK

a. OBJECTIVE:

1. It is the intent of the Government to obtain the design and construction for the repair and improvement of 161 existing family housing units located at Pearl City Peninsula, Hawaii (Phase I). The repair and improvement for these units shall be accomplished within the available FY96 construction funds.
2. It is also the intent of the Government to obtain the design and construction for the repair and improvement of an additional 99 existing family housing units located at Pearl City Peninsula, Hawaii (Phase II) as a pre-priced option. At the option of the Government, the repair and improvement for these units may be accomplished pending availability of FY97 construction funds.
3. For the Phase I project, work shall consist of repair and improvement to unit types "B" and "C". The Phase II project shall include similar work to unit type "A", as well as unit types "B" and "C". It is the objective to fully revitalize all of these units to the greatest extent practicable (1) to meet current building and engineering codes, (2) to conform to design standards for military family housing (MIL-HDBK-1035), and (3) to incorporate improvements which will reduce maintenance, improve energy efficiency, and enhance the

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3A. GENERAL

This contract will be administered under Contractor Quality Control (CQC) as specified herein. Paragraph 3B. contains the Technical Section Requirements which deal with the preparation of design specification by the subcontractor (A-E) hired by the Contractor. Paragraph 3C. specifies the Contractor Quality Control System which shall be provided by the Contractor to perform quality control, inspection and testing, and retesting in the event of failure of any item of work, including that of subcontractors, to ensure compliance with contract provisions.

3B. TECHNICAL SECTION REQUIREMENTS

3B.1 MINIMUM QUALITY LEVEL:

The minimum quality level shall be firmly established by the Contractor in the Technical Sections of the Specifications for each phase of construction. The degree of excellence for materials workmanship, and installation shall be clearly stated. Wherever possible, the Contractor shall recap at the end of each technical section of the specifications the means he will use to exercise quality control, both at the source and at the job site. The controls shall reappear in the Contractor's Quality Control Plan.

3B.2 MINIMUM CONTROLS:

Included in this Request for Proposals are the minimum specific quality controls for work performed by the proposer to whom a contract may be awarded. Additional tests and/or controls shall be added as necessary by the Contractor, in order to comply with the CQC requirements set forth in this request for Proposals.

a. SITE WORK:

1. EARTHWORK:

(a) Clearing, stripping, and rough grading:

- (1) Limits of clearing and grubbing
- (2) Clearing and grubbing operations
- (3) Disposal of cleared and grubbed material
- (4) Rough grading
- (5) Compaction tests for fills and for subgrades
- (6) Smoothness tests and grade control

(b) Excavation, filling and backfilling for buildings:

(1) Laboratory determined for suitability of fill (borrow or site) material. (One determination of liquid limit, plasticity index, percent finer than #200 sieve and unified soil classification)

(2) Modified compaction test and density tests for subgrades fill, and backfill under structures and building slabs. (One modified compaction test for each 2500 square feet per 6-inch lift under earth bearing floor slabs. One in-place density test for each 5000 square feet per 6-inch lift under earth bearing floor slabs. One in-place density test for each 5000 square feet per 6-inch lift under other than earth bearing floor slabs.)

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4A. PROPOSAL STANDARDS:

4A.1 DEFINITIONS: Submittal requirements, listed herein, are identified for both Proposers and Contractor. A Proposer is any offeror that submits a proposal for evaluation. The Contractor is the successful proposer, awarded the construction contract.

(PREPARED BY CODE 0212 W/PACDIV OR A-E INPUT/ASSIST)

PART 5

TECHNICAL EVALUATION MANUAL

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(SAMPLE - FOR A "REVITALIZATION" PROJECT. EVALUATION FACTORS WILL DIFFER FOR OTHER TYPES OF PROJECTS)

PART 5 TECHNICAL EVALUATION MANUAL

5A. GENERAL INFORMATION

5A.1 PURPOSE: This Evaluation Manual establishes the "Technical Quality Rating" of proposals for the repairs, revitalization and improvement of the Navy Family Housing Project offered under Base Item 1 and the Option 0001.

5A.2 MAJOR TECHNICAL EVALUATION AREAS: The major areas (or factors) of consideration in the technical evaluation of the proposals are as follows:

- Building Design
- Building Engineering, Material, Quality and Maintenance
- Site Design and Engineering
- Proposer's Qualifications and Ability to Perform
- Subcontracting Program/Plan Review, Small Business, Small Disadvantaged Business, Historically Black College and University or Minority Institution Utilization Per DFARS 219.705-2(d).

5A.3 TECHNICAL EVALUATION BOARD AND SOURCE SELECTION BOARD: Both the Technical Evaluation Board (TEB) and the Source Selection Authority (SSA) will be comprised of professional personnel from Naval Facilities Engineering Command Headquarters, Engineering Field Division, Pacific Division, and the project activity.

5A.4 TECHNICAL EVALUATION RATING SCHEME: The following technical rating scheme shall be used in the evaluation of each technical evaluation factor, sub-factor and the overall proposal. In accordance with the maximum quality criteria set forth in this manual, the TEB will assign the following:

HIGHLY ACCEPTABLE (H) - Outstanding in essential aspects. The proposal exceeds the desired performance and the excess is beneficial to the Navy. Plans, approaches, and analyses show a high probability of success. Exceptional features and innovations are worthwhile and provide increased assurance that the proposed services will completely meet or exceed the expectations of the Navy. The proposal may have some minor weaknesses which are clearly offset by related strengths.

ACCEPTABLE (A) - Cannot be considered exceptional but meets all of the requirements specified in the RFP. Plans, approaches, and analyses show that the proposer is able to comprehend the requirements and project his ideas in a clear and concise manner suggesting a good probability of success. The proposal contains few, if any, exceptional features, innovations, analyses, or originality. No significant weaknesses exist.

MARGINAL (M) - Proposal meets most of the requirements of the RFP; deficiencies found are considered correctable. Proposal may lack in areas of reasonableness, manageability, or practicality. The proposer has presented an orderly plan to meet stated requirements, but there are several weaknesses, including at least one where significant risks and difficulties are found in the proposal.

UNACCEPTABLE (U) - Proposal fails to meet RFP requirements and indicates a lack of understanding of the requirements. The proposer fails to demonstrate a reasonable way of performing the work. The proposal represents a high degree of risk. The proposal is not capable of correction through discussions without substantial revisions amounting to a new submission of a proposal. The proposal represents an unacceptable risk to the mission, health, life, and property.

5A.5 BASIS OF TECHNICAL EVALUATION: The evaluation criteria sets the standards of acceptability and desirability with regard to various features of design, engineering, construction methods and materials and energy performance. The weighing of evaluation factors was made with consideration,

not only of how important a particular factor is to the overall project, but also in consideration of how much latitude is left by the RFP for the Proposer to provide some feature of design, engineering, construction method and materials and energy performance that would be substantially more advantageous to the Government.

5B. TECHNICAL EVALUATION FACTORS AND SUB-FACTORS

5B.1 GENERAL: The following evaluation factors (listed in relative order of importance) shall be used to evaluate the design quality of features proposed: (Factors A and B are of equal importance and are more important than Factors C, D, and E. Factor C is more important than Factors D and E. Factors D and E are of equal importance.)

Factor A. BUILDING DESIGN:

1. Unit design and layout
2. Exterior appearance
3. Carport, utility work areas, and storage

Factor B. BUILDING ENGINEERING, MATERIAL, QUALITY, AND MAINTENANCE:

1. Construction and materials (foundation, floor, wall, roof and ceiling, doors, windows, hardware, painting, cabinets and countertops, etc.
2. Structural systems
3. Mechanical systems
4. Electrical systems
5. Plumbing systems
6. Energy performance

Factor C. SITE DESIGN AND ENGINEERING:

1. Street, parking and sidewalk layout
2. Landscaping
3. Grading and drainage
4. Utility systems

Factor D. PROPOSER'S QUALIFICATIONS AND ABILITY TO PERFORM:

1. Experience in the construction and design of similar project
2. Performance on recently completed projects (past 5 years)
3. Qualifications of project team members

Factor E. SUBCONTRACTING PROGRAM/PLAN REVIEW, SMALL BUSINESS, SMALL DISADVANTAGED BUSINESS, HISTORICALLY BLACK COLLEGE AND UNIVERSITY OR MINORITY INSTITUTION UTILIZATION PER DFAR 219.705-2(d):

1. Comprehensive description of proposer's subcontracting program and plan to the extent to which proposers identify and commit to small business and to small disadvantaged business.
2. Significance and realism of subcontracting goals with respect to fully developing small and small disadvantaged business, opportunities based on the types of services planned to be subcontracted and offeror's past achievement in the Small Business Utilization Program.

5C. TECHNICAL EVALUATION TECHNIQUES: In accordance with the relative importance of the

Technical Evaluation Factors, the TEB will:

- a. Establish compliance with the minimum technical requirements set forth in the Request for Proposal. If an item of work does not comply with the minimum criteria, it shall be identified as nonconforming. If information is insufficient to establish compliance, it will also be noted.
- b. Assign minimal ratings for compliance with minimal criteria.
- c. Acknowledge and identify items that exceed minimum criteria or have optional features, and describe their strengths and/or weaknesses.

PART 6

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6A. GENERAL

6A.1 TECHNICAL REQUIREMENTS:

a. ENVIRONMENTAL PROTECTION PLAN: The Contractor shall be responsible for the preparation and submission of an environmental protection plan. The plan shall include all items affecting the environment and protection of natural resources both during and after the construction of the project. Items to be considered, but not limited to, are control and disposal of contaminants, rubbish, sediment, debris, chemical wastes, sewage, and garbage. In addition, the plan shall consider disposal of oily substances, wildlife, soil erosion, historical, and archaeological resources. After the contract is awarded, and prior to the commencement of the work, the Contractor shall meet with the Contracting Officer, or his representative, to discuss the proposed environmental protection plan and develop mutual understanding relative to details of environmental protection, including required reports and measures to be taken should the Contractor fail to provide adequate protection in an adequate and timely manner. This plan shall state in detail how each of the applicable environmental coordination defined herein shall be created and shall include any supplemental drawings necessary for implementation thereof. Within 14 calendar days after the meeting the Contractor shall submit for approval his proposed Environmental Protection Plan.

b. GENERAL REQUIREMENTS: The Contractor shall provide and maintain environmental protection during the life of the contract as defined herein. Plan for and provide environmental protective measures to control pollution that develops during normal construction practice. Plan for and provide environmental protective measures required to correct conditions that develop during construction of permanent or temporary environmental features associated with this project. Comply with Federal, State, and local regulations pertaining to the environment, including but not limited to water, air, solid waste, and noise pollution. No work shall begin without an approved Environmental Protection Plan.

c. DEFINITION OF CONTAMINANTS:

1. SEDIMENT: Soil and other debris that have been eroded and transported by water.
2. SOLID WASTE: Rubbish, debris, garbage, and other discarded solid materials resulting from industrial, commercial, and from community activities.
3. RUBBISH: A variety of combustible and noncombustible wastes such as paper, boxes, glass and crockery, metal and lumber scrap, and tin cans.

DEPARTMENT OF THE NAVY
PACIFIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
PEARL HARBOR, HI

SPECIFICATION NO.
[]-[]-[]
CONTRACT NO.
N[]-[]-[]-[]

[TITLE OF PROJECT]
[SECOND LINE OF PROJECT TITLE]
at the
[ACTIVITY NAME]
[GEOGRAPHIC LOCATION - CITY, ISLAND, STATE]

DESIGN BY:
[PRIME FIRM NAME]
[FULL ADDRESS]

SPECIFICATION PREPARED BY:
Architectural: [Name of Firm]
Civil: []
Structural: []
Electrical: []
Mechanical: []
Other: []

SPECIFICATION SUBMITTED BY: [Signature of Principal of Prime] DATE: _____
SPECIFICATION **REVIEWED** BY: [Signature of DPM04 or Acting DPM04] DATE: _____

SAMPLE - **CONSTRUCTION CONTRACTOR'S SPECIFICATION COVER SHEET**
FOR **DESIGN/BUILD** PROJECTS (Rev. 5/00)
* Principal of construction company may be non-registered.
However, the preparer of contract design documents must be registered.

IFB SPECIFICATIONS

NAVY TABLE OF CONTENTS

**(Standard Div. 00 and 01 Sections for
A-E and I-H Projects)**

Enclosure (3)

NAVY TABLE OF CONTENTS
(2nd Qtr 99)

Note: * Standard Div. 00 documents and 01 sections for A-E and I-H projects. The PROJECT INFORMATION FORM REQUIRED FOR 100% AND FINAL SUBMITTALS shall be completed by the A-E and PDE (A-E projects). This form provides technical information used by Construction Contracts R110 in preparing other Div. 00 documents of the final contract package.

Use as applicable.

@ Required for majority of projects.

DIVISION 00 - DOCUMENTS

00101 BID SCHEDULES)Attach to Proj Info Form Reqr
00102 LIST OF DRAWINGS)for 100% & Final Submittals

DIVISION 01 - GENERAL REQUIREMENTS

01110 01/99 SUMMARY OF WORK *
01140 09/98 WORK RESTRICTIONS *
01150 01/99 SPECIAL PROJECT PROCEDURES #
01200 09/98 PRICE AND PAYMENT PROCEDURES *
01310 03/98 ADMINISTRATIVE REQUIREMENTS *
01320 09/98 CONSTRUCTION PROGRESS DOCUMENTATION *
01321 09/98 NETWORK ANALYSIS SCHEDULES #
01330 09/98 SUBMITTAL PROCEDURES *
01420 12/98 REFERENCES
01450 09/98 QUALITY CONTROL *
01500 12/98 TEMPORARY FACILITIES AND CONTROLS *
01525 09/98 SAFETY REQUIREMENTS *
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01575 09/98 TEMPORARY ENVIRONMENTAL CONTROLS *
01580 03/98 PROJECT IDENTIFICATION #
01770 01/99 CLOSEOUT PROCEDURES *
01781 03/98 OPERATION AND MAINTENANCE DATA #

SAMPLE

IFB SPECIFICATIONS

PROJECT PACKAGE

Enclosure (4)
APPENDIX Y

SAMPLE PROJECT PACKAGE

The following required sheets, sections, and attachments comprise a project package:

1. Cover Sheet - A-E (See sample format)
2. Project Table of Contents (Divisions 01 thru 16 only; Do not list Division 00 Sections)
3. Front End Sections (Division 00):
 - a. 00101, "Bid Schedules" (If required; for extraction of data by R110 for "Schedule of Bid Items") and
 - b. 00102 , "List of Drawings".

Prepare and attach to "Project Information Form Required for 100% and Final Submittals".

Note: Required for use by R110 in completing the Div. 00 sections. See Section 8 "Specifications" of PACDIV A-E Guide, P-74 (Nov) for a sample. Check out PACDIV's web site for a more current version: <http://www.efdpac.navfac.navy.mil>

4. Division 01 Sections and Technical Sections (Divisions 02 thru 16).
5. 01330:

Submittal Register: From SPECINSTACT w/SGML.
6. 01450: Covers the requirement for quality control for all projects over \$25,000. Permits specific tailoring of the QC requirements.

Test/Requirements List: SPECSINTACT generated.

Construction Quality Management Forms: (6 sheets)

- a. Contractor Production Report (Form 01450-1 7/96)
 - b. Contractor Quality Control Report (Form 01450-1 7/96) (Back) and Continuation Sheets (Form 01450-2 (2))
 - c. Testing Plan and Log
 - d. Rework Items List
7. 01580 (Construction Sign - if applicable)

For Navy, Marine Corps, and Army Projects Projects:
Project Identification Sign Board - 5 sheets

For Air Force Projects:

 - a. Sample Construction Sign for AF Projects
 - b. Typical Cross Section

8. 02220 (If applicable):

State of Hawaii, Dept. of Health - "Notification of Demolition and Renovation"

DEPARTMENT OF THE NAVY
PACIFIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
PEARL HARBOR, HI

SPECIFICATION NO.
[]-[]-[]
CONTRACT NO.
N[]-[]-[]-[]

[TITLE OF PROJECT]
[SECOND LINE OF PROJECT TITLE]
at the
[ACTIVITY NAME]
[GEOGRAPHIC LOCATION - CITY, ISLAND, STATE]

DESIGN BY:
[PRIME FIRM NAME]
[FULL ADDRESS]

SPECIFICATION PREPARED BY:

Architectural:	[<u>Name of Firm</u>]
Civil:	[]
Structural:	[]
Electrical:	[]
Mechanical:	[]
Other:	[]

SPECIFICATION SUBMITTED BY: [Signature of
Principal of Prime] DATE: _____

SPECIFICATION APPROVED BY: [Signature of DPM04 or
Acting DPM04] DATE: _____

SAMPLE - A-E COVER SHEET (Rev. 5/00)

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01500 TEMPORARY FACILITIES AND CONTROLS
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13283 REMOVAL AND DISPOSAL OF LEAD-CONTAINING PAINT

DIVISION 15 - MECHANICAL

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15080 MECHANICAL INSULATION
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15950 HVAC TESTING/ADJUSTING/BALANCING

-- End of Project Table of Contents --

SECTION 01110

SUMMARY OF WORK

12/96

PART 1 GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

1.1.1 Project Description

The work includes [_____] and incidental related work.

1.1.2 Location

The work shall be located at the [_____] , approximately as indicated. The exact location will be shown by the Contracting Officer.

1.2 [EXISTING WORK

In addition to "FAR 52.236-9, Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements":

- a. Remove or alter existing work in such a manner as to prevent injury or damage to any portions of the existing work which remain.
- b. Repair or replace portions of existing work which have been altered during construction operations to match existing or adjoining work, as approved by the Contracting Officer. At the completion of operations, existing work shall be in a condition equal to or better than that which existed before new work started.]

1.3 [LOCATION OF UNDERGROUND FACILITIES

[Obtain digging permits prior to start of excavation.] [Scan the construction site with electromagnetic or sonic equipment, and mark the surface of the ground where existing underground utilities are discovered.] Verify the elevations of existing piping, utilities, and any type of underground obstruction not indicated or specified to be removed but indicated [or discovered during scanning] in locations to be traversed by piping, ducts, and other work to be installed. Verify elevations before installing new work closer than nearest manhole or other structure at which an adjustment in grade can be made.] [Perform toning where indicated or shown by the Contracting Officer.]

1.3.1 [Notification Prior to Excavation

Notify the Contracting Officer at least 48 hours prior to starting excavation work.]

1.4 [GOVERNMENT-FURNISHED MATERIAL AND EQUIPMENT

Pursuant to Contract Clause ["FAR 52.245-2, Government Property (Fixed Price Contracts)"] ["FAR 52-245-2, Government-Furnished Property (Short Form)"], the Government will furnish the following materials and equipment for installation by the Contractor:

SECTION 01330

SUBMITTAL PROCEDURES
03/00

PART 1 GENERAL

1.1 SUMMARY

1.1.1 Government-Furnished Information

Submittal register [database and submittal management program] will be delivered to the contractor, by contracting officer [on 3 1/2 inch disk]. Register [database] will have the following fields completed, to the extent that will be required by the Government during subsequent usage.

Column (c): Lists specification section in which submittal is required.

Column (d): Lists each submittal description (SD No. and type, e.g. SD-04 Drawings) required in each specification section.

Column (e): Lists one principal paragraph in specification section where a material or product is specified. This listing is only to facilitate locating submitted requirements. Do not consider entries in column (e) as limiting project requirements.

Column (f): Indicate approving authority for each submittal. A "G" indicates approval by contracting officer; a blank indicates approval by QC manager.

[The database and submittal management program will be extractable from the disk furnished to contractor, for operation on contractor's IBM compatible personal computer with 640kb RAM, a hard drive, and 3 1/2 inch high density floppy disk drive.]

1.2 DEFINITIONS

1.2.1 Submittal

Shop drawings, product data, samples, and administrative submittals presented for review and approval. Contract Clauses "FAR 52.236-5, Material and Workmanship," paragraph (b) and "FAR 52.236-21, Specifications and Drawings for Construction," paragraphs (d), (e), and (f) apply to all "submittals."

1.2.2 Types of Submittals

All submittals are classified as indicated in paragraph "Submittal Descriptions (SD)". Submittals also are grouped as follows:

- a. Shop drawings: As used in this section, drawings, schedules, diagrams, and other data prepared specifically for this contract, by contractor or through contractor by way of subcontractor, manufacturer, supplier, distributor, or other lower tier contractor, to illustrate portion of work.
- b. Product data: Preprinted material such as illustrations, standard schedules, performance charts, instructions, brochures, diagrams,

SUBMITTAL REGISTER

CONTRACT NO.

TITLE AND LOCATION

REPAIR AIR CONDITIONING, BLDG 007, PACDIV, PEARL HARBOR

CONTRACTOR

ACTIVITY NO	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	PARAGRAPH#	GOVT OR A/E REVIEW CLASSIFICATION	CONTRACTOR: SCHEDULE DATES			CONTRACTOR ACTION		APPROVING AUTHORITY				MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS	
						SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/	DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER			ACTION CODE
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		01330	SD-11 Closeout Submittals														
			Submittal register	1.4.1	G												
		06200	SD-02 Shop Drawings														
			Prefabricated millwork	1.3	G												
			SD-07 Certificates														
			Certificates of grade	1.4													
			Certificates of compliance	1.4													
		15730	SD-02 Shop Drawings														
			Field-assembled refrigerant piping	2.9.2													
			Control system wiring diagrams	1.5.2													
			SD-03 Product Data														
			Room air conditioners	2.2													
			Packaged terminal units	2.3													
			Heat pumps	2.4													
			Air conditioners	2.5													
			Filters	2.6													
			Thermostats	2.5.13													
			Refrigerant piping and accessories	2.9													
			Coatings for finned tube coils	2.7													
			SD-06 Test Reports														
			Salt-spray tests	2.11.1													
			Start-up and initial operational tests	3.8.3													
			SD-07 Certificates														
			Year 2000 (Y2K) Compliance	1.7.1													
			Warranty														
			SD-08 Manufacturer's Instructions														

SECTION 01450

QUALITY CONTROL
12/96

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 880	(1995) Criteria for Use in Evaluation of Testing Laboratories and Organization for Examination and Inspection of Steel, Stainless Steel, and Related Alloys
ASTM C 1077	(1996) Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
ASTM D 3666	(1995; Rev. A) Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials
ASTM D 3740	(1995) Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
ASTM E 329	(1995; Rev. C) Agencies Engaged in the Testing and/or Inspection of Materials Used on Construction
ASTM E 543	(1995) Evaluating Agencies that Perform Nondestructive Testing

CORPS OF ENGINEERS (COE)

COE EM-385-1-1	(1992) Safety and Health Requirements Manual
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1.2 SUBMITTALS

Submit the following in accordance with Section entitled "Submittal Procedures."

1.2.1 SD-18, Records

a. Quality Control (QC) plan G

Submit a QC plan within [15] [] calendar days after receipt of Notice of Award.

1.3 INFORMATION FOR THE CONTRACTING OFFICER

TEST/REQUIREMENTS LIST

SECTION: 01140 SUBPART: 1.8

The BOS Contractor as mentioned herein is a private contractor retained by the Government for base operations support services. Coordinate with the Contracting Officer for services available from the BOS Contractor.

SECTION: 01140 SUBPART: 1.9.2

Submit dining and lodging requirements at least 60 days prior to actual requirements for approval.

SECTION: 01140 SUBPART: 1.12.4

Submit prior to shipment of materials and equipment by Government air and surface transportation, an agreement in the following form:

SECTION: 01140 SUBPART: 1.13.11

Immediately report to the Pass and ID Office, any badges/passes missing or lost and the circumstances. Return badges/passes to the Contracting Officer immediately upon termination of any employee, expiration, completion of contract, or when no longer required.

SECTION: 01150 SUBPART: 3.1.7

Obtain an approved BCE Work Clearance Request, AF Form 103, prior to the start of excavation, digging work, or work that disrupts aircraft or vehicular traffic flow, base utility services, fire and intrusion alarm system, or routine activities of the Activity.

SECTION: 01150 SUBPART: 3.5

Coordinate excavation and electrical work, including testing and trouble shooting of circuits, within the Pearl Harbor Shipyard with Public Works Center Code 600 and NAVSHIPYD Code 308 via the Contracting Officer.

SECTION: 01310 SUBPART: 1.4.3

All contract requirements of [Section 15901, Space Temperature Control Systems,] [and] [Section 15950, "HVAC Testing/Adjusting/Balancing,"] shall be accomplished directly by a first tier subcontractor. No work required by Section [15901] [or] [15950] shall be accomplished by a second tier subcontractor.

SECTION: 01310 SUBPART: 1.4.5.2

Submit for approval, at least 15 days prior to the desired date of entry, an original alphabetical list of personnel who require entry into Government property to perform work on the project.

SECTION: 01321 SUBPART: 1.5.1

If requested by the Contracting Officer, participate in a preliminary meeting to discuss the proposed schedule and requirements of this section prior to submission of the network.

SECTION: 01321 SUBPART: 1.5.4

CONTRACTOR QUALITY CONTROL REPORT				DATE				
(ATTACH ADDITIONAL SHEETS IF NECESSARY)								
PHASE	(BLANK NOT APPLICABLE)	YES	NO	IDENTIFY SPECIFICATION SECTION, DEFINABLE FEATURE OF WORK, LOCATION AND LIST PERSONNEL PRESENT				
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	<input type="checkbox"/>	<input type="checkbox"/>					
	THE SUBMITTALS HAVE BEEN APPROVED.	<input type="checkbox"/>	<input type="checkbox"/>					
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	<input type="checkbox"/>	<input type="checkbox"/>					
	MATERIALS STORED PROPERLY.	<input type="checkbox"/>	<input type="checkbox"/>					
	PRELIMINARY WORK WAS DONE CORRECTLY.	<input type="checkbox"/>	<input type="checkbox"/>					
	TESTING PLAN HAS BEEN REVIEWED.	<input type="checkbox"/>	<input type="checkbox"/>					
	WORK METHOD AND SCHEDULE DISCUSSED.	<input type="checkbox"/>	<input type="checkbox"/>					
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	<input type="checkbox"/>	<input type="checkbox"/>					
	INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	<input type="checkbox"/>			<input type="checkbox"/>		TESTING PERFORMED & WHO PERFORMED TEST
SAMPLE HAS BEEN PREPARED / APPROVED		<input type="checkbox"/>	<input type="checkbox"/>					
WORKMANSHIP IS SATISFACTORY		<input type="checkbox"/>	<input type="checkbox"/>					
TEST RESULTS ARE ACCEPTABLE.		<input type="checkbox"/>	<input type="checkbox"/>					
WORK IS IN COMPLIANCE WITH THE CONTRACT.		<input type="checkbox"/>	<input type="checkbox"/>					
WORK COMPIES WITH SAFETY REQUIREMENTS		<input type="checkbox"/>	<input type="checkbox"/>					
FOLLOW-UP		WORK COMPIES WITH CONTRACT AS APPROVED INITIAL PHASE	<input type="checkbox"/>		<input type="checkbox"/>			TESTING PERFORMED & WHO PERFORMED TEST
		WORK COMPIES WITH SAFETY REQUIREMENTS	<input type="checkbox"/>		<input type="checkbox"/>			
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)				REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)				
REMARKS								
<p style="font-size: small;">On behalf of the contractor, I certify that this report is completed and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"></div> <div style="width: 30%; text-align: right;"> AUTHORIZED QC MANAGER AT SITE DATE </div> </div>								
GOVERNMENT QUALITY ASSURANCE REPORT				DATE				
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT								
GOVERNMENT QUALITY ASSURANCE MANAGER				DATE				

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET (ATTACH ADDITIONAL SHEETS IF NECESSARY)				DATE
PHASE	(BLANK NOT APPLICABLE)	YES	NO	IDENTIFY SPECIFICATION SECTION, DEFINABLE FEATURE OF WORK, LOCATION AND LIST PERSONNEL PRESENT
PREPARATORY	PLANS AND SPECS HAVE BEEN REVIEWED	<input type="checkbox"/>	<input type="checkbox"/>	
	THE SUBMITTALS HAVE BEEN APPROVED.	<input type="checkbox"/>	<input type="checkbox"/>	
	MATERIALS COMPLY WITH APPROVED SUBMITTALS	<input type="checkbox"/>	<input type="checkbox"/>	
	MATERIALS STORED PROPERLY.	<input type="checkbox"/>	<input type="checkbox"/>	
	PRELIMINARY WORK WAS DONE CORRECTLY.	<input type="checkbox"/>	<input type="checkbox"/>	
	TESTING PLAN HAS BEEN REVIEWED.	<input type="checkbox"/>	<input type="checkbox"/>	
	WORK METHOD AND SCHEDULE DISCUSSED.	<input type="checkbox"/>	<input type="checkbox"/>	
	JOB SAFETY / HAZARD ANALYSIS ADDRESSED	<input type="checkbox"/>	<input type="checkbox"/>	
INITIAL	PRELIMINARY WORK WAS DONE CORRECTLY	<input type="checkbox"/>	<input type="checkbox"/>	
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	WORK COMPLIES WITH SAFETY REQUIREMENTS	<input type="checkbox"/>	<input type="checkbox"/>	
			TESTING PERFORMED & WHO PERFORMED TEST	

CONTRACTOR QUALITY CONTROL REPORT CONTINUATION SHEET (ATTACH ADDITIONAL SHEETS IF NECESSARY)				DATE
PHASE	(BLANK NOT APPLICABLE)	YES	NO	IDENTIFY SPECIFICATION SECTION, DEFINABLE FEATURE OF WORK, LOCATION AND LIST PERSONNEL PRESENT
FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED INITIAL PHASE	<input type="checkbox"/>	<input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS	<input type="checkbox"/>	<input type="checkbox"/>	

Contract No. and Title: _____

Contractor: _____

[illegible]